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Federal Communications Commission
Office of Secretary

Ex Parte

July 10, 1998

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
Mail Stop Code 1170
1919 M Street, N.W., Room 222
Washington, D.C. 20554

RE: CC Docket No. 98-91

In the course of an Ex Parte meeting in the above referenced docket with the Policy Division of the Common Carrier Bureau, Policy Division representatives inquired as to the terms, conditions, and rates under which Pacific Bell interconnects Internet Service Providers to its high-speed packet network used in conjunction with ASDL.

Attached are tariff pages 687 and 687.1 from the Pacific Bell Interstate Access Tariff Section 17.5. This section of the access tariff authorizes Pacific Bell to provide ADSL service to end users. Paragraph 17.5.1(B) indicates that access from Pacific's ADSL connection point will be provided via its ATM Cell Relay Service contained in Section 17.2 of Pacific Bell's Interstate Access Service Tariff. Also attached is the entire Section 17.2. This tariff is the vehicle for providing Internet Service Providers interconnection to Pacific Bell's high speed packet network. It is also the vehicle used to provide Pacific Bell Internet Service (PBI) access to Pacific Bell's high speed packet network. Notwithstanding any position previously taken regarding the jurisdiction of internet traffic, the application of Pacific Bell's Interstate Access Service Tariff Section 17 for interconnection of Internet Service providers reflects Pacific Bell's view that internet traffic is jurisdictionally interstate in nature.

Please include this letter and any attachments in the record of these proceedings in accordance with Section 1.1206(a)(1) of the Commission's Rules.

Acknowledgment and date of receipt of this transmittal are requested. A duplicate transmittal letter is attached concerning this matter.

Respectfully submitted,

Lincoln E. Brown

CC: Jason Oxman

No. of Copies rec'd 0+1
List ABCDE

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd)

17.5 Asymmetrical Digital Subscriber Line (ADSL) Service[1] (T)

17.5.1 General Description (N)

(A) Basic Service Description

Asymmetrical Digital Subscriber Line (ADSL) Service is an access data technology service offered in speed levels of 384 Kbps Down/128 Kbps Up, 384 Kbps Down/384 Kbps Up and 1.544 Mbps Down /384 Kbps Up. The "Up" speeds represent transmission speeds in "kilobits per second" or "Kbps", from the customer designated premises to the Pacific's ADSL connection point; while the "Down" speeds represent transmission speeds in Kbps or "megabits per second" or "Mbps", from Pacific's ADSL connection point to the customer's designated premises.

Data speeds set forth above are peak speeds. Actual speeds may be affected by loop distance and other factors; therefore, data speeds are not guaranteed.

The ADSL Service will require a splitter at both the customer's designated premises and Pacific's serving wire center to split the traffic between data and voice. The customer is responsible for providing and maintaining the splitter at the customer designated premises. The voice traffic will be routed to the serving wire center switching equipment while the data traffic will be directed through a multiplexer for connection to Pacific's Fast Packet data network.

(B) Service Provisioning

ADSL Service provides a virtual private line connection from the customer designated premises to the point of connection on Pacific's Fast Packet network.

Access from Pacific's ADSL connection point will be provided via its ATM Cell Relay Service, where

(1) The service provided under this tariff is subject to any regulatory relief provided pursuant to 47 USC Section 160 and/or Section 706 of the Telecommunications Act of 1996. (N)

(This page filed under Transmittal No. 1986.)

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd) (N)

17.5 Asymmetrical Digital Subscriber Line (ADSL) Service[1] (Cont'd)

17.5.1 General Description (Cont'd)

(B) Service Provisioning (Cont'd)

facilities and equipment exist. ATM Cell Relay Service is available in Section 17.2 preceding. The associated rates and charges for ATM Cell Relay Port and associated host-side transport will apply in addition to the rates and charges associated with the ADSL Service rate elements.

Pacific will qualify the local exchange service loop between the customer's designated premises and the serving wire center. The purpose of qualification is to determine the availability and suitability of existing Pacific facilities to provide the service, and to determine if Loop Conditioning is required to support ADSL Service. Pacific will not provision this service on facilities which are not suitable for ADSL.

Pacific does not undertake to originate data, but offers the use of its ADSL service, where available, to customers for the purpose of transporting data originated by the customer or a third party.

A list of the wire centers capable of providing ADSL Service is furnished in 17.5.4 (ADSL Wire Centers) following. ADSL Service will be provided subject to the availability and limitations of Pacific wire centers and outside plant facilities and is only available where technical capabilities permit such facility distance and type of physical plant.

(C) Responsibility of Pacific

Pacific will provision and maintain ADSL Service for the customer up to and including the Network Interface Device (NID). Pacific will advise the customer of the customer premises equipment (CPE) necessary to support ADSL Service that the customer will need to purchase.

(1) The service provided under this tariff is subject to any regulatory relief provided pursuant to 47 USC Section 160 and/or Section 706 of the Telecommunications Act of 1996. (N)

(This page filed under Transmittal No. 1986.)

17. Broadband Fast Packet Access Services

17.1 General

Broadband Fast Packet services provide high speed connectivity to multiple customer locations. Fast Packet Services use digital transmission facilities and switching technology to provide high speed information transfers for users with large bandwidth requirements. T

Broadband Fast Packet technology divides data into packets with fixed maximum lengths. These packets are transported through the Telephone Company's network. Each packet contains addressing information to facilitate delivery of the packet to its destination. T T

Broadband Fast Packet service is a networking technology capable of transmitting data, digitized voice and digitized image information, using statistical multiplexing, in both connection-oriented and connectionless transfer modes. Service is provided where available facilities and equipment exist. N

17.1.1 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Broadband Fast Packet Access Services, and are supplemented by and in addition to the other applicable regulations, rates and charges specified in other sections of this tariff.

(A) Types of Rates and Charges

There are two types of rates and charges. These are monthly and nonrecurring charges. The rates and charges are described as follows:

(1) Monthly Rates

Monthly rates are fixed recurring rates that apply each month or fraction thereof that a Broadband Fast Packet Access Service is provided. For billing purposes, each month is considered to have 30 days.

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Broadband Fast Packet Access Service are: installation of service, installation of optional features and functions, and network change charges. N

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd)

17.1 General (Cont'd)

17.1.1 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(a) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set forth in 17.7 following.

(b) Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of optional features and functions available with Broadband Fast Packet Access Services. The charge applies whether the feature or function is installed with the initial installation or at any time subsequent to the installtion of the service.

The nonrecurring charges for the installation of Optional Features and Functions are set forth in 17.7 following.

(c) Network Change Charges

Changes to existing Broadband Fast Packet Access Services are considered to be network changes. Network Change Charges apply, per occurrence, for changes made to existing Broadband Fast Packet Service network elements associated with each access service connection.

A change that cannot be supported by the bandwidth of the access service connection will require a new access service connection. Installation nonrecurring charges for all new services will apply.

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ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd) N

17.1 General (Cont'd)

17.1.2 Customer Obligations

The customer must provide to the Telephone Company a current local contact and telephone number that is readily accessible 24 hours a day, 7 days a week. The customer's local contact will act as the point of interaction for communication regarding inquiries, trouble reports, and security management involving the service configuration. N

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd)

17.2 Broadband Fast Packet Access Service (Cont'd) T

17.2.1 ATM Cell Relay Service N

(A) Basic Service Description

ATM Cell Relay Service is a fast packet service, offering the customer the opportunity to develop a single high-speed network, using Asynchronous Transfer Mode (ATM). With this high-speed, connection-oriented transport service, information is transported through the Telephone Company network in fixed-length cells of 53 bytes, over various bandwidth capacities.

The customer must also order a Telephone Company-provided Special Access Service, from Section 7 preceding, or, Expanded Interconnection Service Cross Connection from Section 16 preceding, for the purpose of connecting the customer's premises or EIS arrangement to the ATM Cell Relay Service. These connections function as User-to-Network (UNI) or Broadband Inter Carrier Interface (B-ICI) connections.

The minimum service subscription required for UNI or B-ICI consists of an increment of Information Access Rate and one Virtual Channel Connection (VCC) or Virtual Path Connection (VPC), rated for Constant Bit Rate (CBR), Variable Bit Rate (VBR), or Unspecified Bit Rate (UBR) with the Maximum Burst Size (MBS) identified. N

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd)

17.2 ATM Cell Relay Service (Cont'd)

17.2.1 ATM Cell Relay Service (Cont'd)

(A) Basic Service Description (Cont'd)

(1) Information Access Rate (IAR)

An IAR is a variable bandwidth capacity service, offered as a line-side or a trunk-side connection. The IAR must be connected to the customer's premises or EIS arrangement with a Telephone Company-provided Special Access Service provided from Section 7, or a Special Access Expanded Interconnection Service Cross Connection from Section 16, preceding.

The line-side connection is the User-to-Network Interface (UNI). The UNI Information Access Rate (IAR) is a stand-alone port interface, offering the customer access to ATM Cell Relay Service over three variable bandwidth ranges: 128 Kbps through 1.5 Mbps is delivered in 64 Kbps increments using Special Access High Capacity DS1 service; 4 Mbps through 40 Mbps is delivered in 1 Mbps increments using Special Access High Capacity DS3 service; and, 51 Mbps through 148 Mbps is delivered in 1 Mbps increments using Special Access SONET OC3c service.

Broadband Inter Carrier Interface (B-ICI) is a stand-alone port interface allowing trunk-side connections for Network-to-Node Interface. An IAR of 40 Mbps is available only with DS3 services, and 148 Mbps is available only with OC3c services.

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ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd) N

17.2 Broadband Fast Packet Access Service (Cont'd)

17.2.1 ATM Cell Relay Service (Cont'd)

(A) Basic Service Description (Cont'd)

(2) Virtual Channel and Virtual Path Connections

Logical connections, carrying voice, video or data traffic are software-defined logical paths or permanent virtual connections, between designated customer locations. Virtual Channel Connections (VCCs) establish the originating and delivery points within the ATM Network. Virtual Path Connections (VPCs) are groups of VCCs routed to the same delivery point and will not be provided unless specified by the customer. VCCs and VPCs are established upon installation of the service and will remain unless changes are ordered by the customer. Network change charges apply for changes made to existing service.

(3) Constant, Variable and Unspecified Bit Rate

VCCs and VPCs transmit information at constant or variable bit rates. When ordering the service, the customer must select a Constant Bit Rate (CBR), a Variable Bit Rate (VBR), or an Unspecified Bit Rate (UBR) for each VCC or VPC ordered. VPCs may contain VCCs with a mix of all three bit rates. Voice and video transmissions require a Constant Bit Rate (CBR); data transmissions may use a Variable Bit Rate (VBR) or Unspecified Bit Rate (UBR).

(4) Maximum Burst Size

With VBR and UBR, the customer must determine the Maximum Burst Size (MBS) which identifies the number of cells that can consecutively pass through a connection without intervening blank cells. There are three MBS levels available: 32 cells, 100 cells and 200 cells. The 32-cell MBS will be assigned unless the customer requests a higher MBS. N

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd)

17.2 Broadband Fast Packet Access Service (Cont'd)

17.2.1 ATM Cell Relay Service (Cont'd)

(B) Technical Specifications

Technical specifications are set forth in Technical Publication PUB L-780028-PB.

(C) Channel Interface

Compatible channel interfaces are set forth in Technical Publication PUB L-780028-PB.

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ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd) N

17.2 Broadband Fast Packet Access Service (Cont'd)

17.2.1 ATM Cell Relay Service (Cont'd)

(D) Optional Features and Functions

(1) Multicast

A connection providing a one-way transmission function between an originating point and multiple end-points. A data stream originated by the sending customer location is sent to each of the end-points predesignated by the customer. In multicast configurations, separate point-to-point VCCs and/or VPCs from each of the end-points can be established back to the originating point.

(2) Customer Network Information

Customer Network Information permits customers to obtain general network performance information on ATM Cell Relay Service traffic, including counts of data packets sent and received on each of the access service connections. Customer specific reports are provided to the customer on a weekly basis by facsimile or through electronic mail. Charges apply per customer network equipped. N

17. Broadband Fast Packet Access Services (Cont'd)

17.3 Frame Relay Service (FRS)

17.3.1 General Description

(A) Basic Service Description

Frame Relay Service (FRS) is a high speed, statistically multiplexed, packet data service that allows customers to interconnect over a wide geographical area. The use of intelligent customer-provided equipment, digital transmission facilities (channel terminations), and the ITU standard protocol allows the Telephone Company to provide packet data (frame) communications.

Customer-provided equipment accumulates data in a format suitable for transmission (and provides circuit error and congestion control). Connection to the FRS port is via a Telephone Company-provided Special Access Service, as described in Section 7, or, via an EISCC, Expanded Interconnection Service, as described in Section 16, preceding. The connecting service must be ordered in addition to the FRS. Access is available to the FRS line side port at 56 Kbps, 128 Kbps, 384 Kbps, 1.536 Mbps, or 37 Mbps and to the trunk side port at 1.536 Mbps or 37 Mbps. T C C

Through the FRS network, data communications between ports are provided over dedicated, software-defined connections with addresses identified by Data Link Connection Identifiers(DLCIs). The DLCIs identify the address information and route the customer's data over a communications path called a permanent virtual connection (PVC).

Multiple PVCs can be established from a port for communications over the digital transmissions facilities of the FRS network. A separate PVC must be established to each location that the customer desires to transmit data.

17. Broadband Fast Packet Access Services (Cont'd)

17.3 Frame Relay Service (FRS) (Cont'd)

17.3.1 General Description (Cont'd)

(A) Basic Service Description (Cont'd)

Utilizing statistical multiplexing, the Telephone Company's FRS enables customers to allocate bandwidth for the permanent virtual connections as needed up to the maximum bandwidth available at the FRS port (56Kbps, 128Kbps, 384Kbps, 1.536Mbps or 37 Mbps). C

Pacific Bell's FRS complies to the frame relay standards approved by the American National Standards Institute (ANSI) and International Telecommunications Union (ITU), formerly CCITT (Consultative Committee International Telephone and Telegraph). Customer-provided equipment must comply with the same.

Frame Relay Service is available at the Telephone Company locations identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF FCC NO. 4.

The customer must provide to the Telephone Company a current local contact and telephone contact number that is readily accessible 24 hours a day, 7 days a week. The customer's local contact will act as the point of contact for inquiries, trouble reports, and security management involving the service configuration.

17. Broadband Fast Packet Access Services (Cont'd)

17.3 Frame Relay Service (FRS) (Cont'd)

17.3.2 Technical Specifications:

Pub L-780079-PB
Issue 3, June, 1997 C

ANSI T1.617, Signaling Specifications for Frame Relay Bearer Service, June 1991.

Frame Relay Forum, Network to Network Interface, Phase I Implementation Agreement, FRF.2, August 1992.

ANSI T1.618, Core Aspects of Frame Protocol for use with Frame Relay Bearer Service, June 1991.

ITU (formerly CCITT) Q.922 Recommendation "ISDN Data Link Layer Specification for Frame Mode Bearer Services", Geneva - February, 1992.

ITU (formerly CCITT) Q.933 "DSS1 Signaling Specifications for Frame Mode Basic Call Control." Geneva - April, 1992.

17. Broadband Fast Packet Access Services (Cont'd)

17.3 Frame Relay Service (FRS) (Cont'd)

17.3.3 Rate Element Description

(A) FRS User to Network Interface (UNI) Port

The User to Network Interface (UNI) Port provides a line side connection between the customer's channel termination and the Telephone Company's FRS, see technical references in Section 17.3.2. A connecting Special Access Service or EISCC, Expanded Interconnection Service, must be ordered in addition to the FRS. Special Access Services used for FRS connections include: Generic Digital Transport Service, High Capacity Services and SONET Services, as described in Section 7, preceding. Connection via an EISCC is provided as described Section 16, preceding.

The UNI port is available at varying bandwidth speeds: 56 Kbps, 128 Kbps, 384 Kbps, 1.536 Mbps and 37 Mbps. C

(B) FRS Network to Network Interface (NNI) Port

The Network to Network Interface (NNI) Port provides a trunk side connection between the customer's channel termination, which connects to the customer's frame relay switch, and the Telephone Company's FRS, see technical references in Section 17.3.2. A connecting Special Access Service or EISCC, Expanded Interconnection Service, must be ordered in addition to the FRS. Special Access Services used for FRS connections include: Generic Digital Transport Service, High Capacity Services and SONET Services, as described in Section 7, preceding. Connection via an EISCC is provided as described Section 16, preceding.

The NNI port is available at 1.536 Mbps and 37 Mbps. C

(C) Data Link Connection Identifiers (DLCI)

(1) The Data Link Connection Identifier is one of a minimum of two software-defined address points required to establish a permanent virtual connection (PVC). A PVC (with at least one DLCI at each end) is the dedicated communications path through the FRS.

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd)

17.3 Frame Relay Service (FRS) (Cont'd)

17.3.3 Rate Element Description (Cont'd)

(D) Optional Features:

(1) Traffic detail, per port:

The per port charge for customers to obtain information on FRS traffic, such as counts of data packets sent and received on each of the customer's channel terminations.

(2) Network Adds or Changes:

The per port charge for a customer to increase or rearrange the FRS UNI port bandwidth. (Options are: 56Kbps, 128Kbps, 384Kbps, 1.536Mbps or 37 Mbps). C
Also, the per port charge when a customer increases or rearranges DLCIs.

17. Broadband Fast Packet Access Services (Cont'd)

17.4 Switched Multi-megabit Data Service (SMDS)

17.4.1 General Description

(A) Basic Service Description

Switched Multi-megabit Data Service (SMDS), is a high speed data service that offers broadband switching over a wide geographic area. SMDS can be provided with either a line side or trunk side interface.

Customer premises are connected to the SMDS port via a Telephone Company-provided Special Access Service, as described in Section 7, or, via an EISCC, Expanded Interconnection Service, as described in Section 16, preceding. The connecting service must be ordered in addition to the SMDS. At least one SMDS address is assigned to each facility accessing the SMDS network. A maximum of two addresses can be assigned to each 56 Kbps DS0. A maximum of sixteen addresses can be assigned to each DS1 or DS3. C C

The customer must provide to the Telephone Company a current local contact and telephone contact number that is readily accessible 24 hours a day, 7 days a week. The customer's local contact will act as the point of contact for inquiries, trouble reports, and security management involving the service configuration.

The SMDS network will only transmit information between authorized users within a customer-defined closed user-group. A closed user group is a set of source and destination addresses allowed to exchange data traffic in the SMDS.

17. Broadband Fast Packet Access Services (Cont'd)

17.4 Switched Multi-megabit Data Service (SMDS) (Cont'd)

17.4.2 Technical Specification

(A) SMDS Technical Specifications:

TR-TSV-000772
Issue 1, Effective date 5/91

TR-TSV-000773
Issue 1, 5/91, Revision 1, 1/93, Effective date 1/93

TR-TSV-001060
Issue 1, 5/91, Revision 2, 3/93, Effective date 3/93

TR-TSV-001062
Issue 1, 3/93, Effective date 3/93

TR-TSV-001064
Issue 1, 12/92, Effective date 12/92

PUBL-780090-PB/NB
Issue 1, 8/92, Effective date 8/92

TR-TSV-0001239
Issue 1, Effective date 2/93

SIG-TS-001/1991
Issue 1, Effective date 10/91

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17. Broadband Fast Packet Access Services (Cont'd)

17.4 Switched Multi-megabit Data Service (SMDS) (Cont'd)

17.4.3 Rate Elements Description

(A) SMDS Line-side Interface

The SMDS Line-side Interface, LI, port is used to connect the customer to the Pacfic Bell SMDS Network as defined in Bellcore Technical References TR-TSV-0001239, TR-TSV-000772 and TR-TSV-000773. Connection to the SMDS LI port is via a Telephone Company-provided Special Access Service, or, via an EISCC, Expanded Interconnection Service. Special Access Services used for SMDS connections include: Generic Digital Transport Service, High Capacity Services and SONET Services, as described in Section 7, preceding. Connection via an EISCC is provided as described in Section 16, preceding. The SMDS LI port is available at the 1.17 Mbps speed when connected by the DS1 Special Access High Capacity Service and at the 4 Mbps, 10 Mbps, 16 Mbps, 25 Mbps, and 34 Mbps speeds when connected by a DS3 Special Access High Capacity Service or EISCC. C C

(1) Optional Features

(a) Group Addressing

Group addressing allows a single source to send the same data to up to 128 recipients simultaneously. Installation and monthly rates for Group Addressing will be charged per group address.

(b) Customer Network Information

Customer Network Information permits users to obtain information on data traffic activities, including counts of data packets sent and received from each of the customer's access links.

(2) Changes

Charges for changes will be made on a per service order basis. Changes include additions or deletions in Group Member addresses, additions and deletions in Closed User Group membership, and upgrades in class of service of 4 Mbps up to the maximum of 34 Mbps and changes in choice of interexchange carrier.

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd)

17.4 Switched Multi-megabit Data Service (SMDS) (Cont'd)

17.4.3 Rate Elements Description (Cont'd)

(B) SMDS Trunk-side Interface

A SMDS Trunk-side Interface, TI, port is only available at the 34 Mbps speed. Customers must have compatible switching and transport capabilities as decribed in Bellcore Technical Reference TR-TSV-001060. Special Access High Capacity Services, SONET Services or an EISCC are used to connect the customer premises to the SMDS TI port. No SMDS optional features are available with SMDS TI. C C

ACCESS SERVICE

17. **Broadband Fast Packet Access Services** (Cont'd)

N

17.5 **Reserved for Future Use.**

N

ACCESS SERVICE

17. Broadband Fast Packet Access Services (Cont'd) N

17.6 Reserved for Future Use. N

ACCESS SERVICE

17. Broadband Fast Packet Access Service (Cont'd)

17.7 Rates and Charges T

17.7.1 ATM Cell Relay Service Rates and Charges N

(A) UNI Information Access Rate (IAR) Ranges

	USOC	Monthly Rates	Nonrecurring Charges
(1) Establish IAR (DS1) 128 Kbps - 1.5 Mbps - per 64 Kbps			
2 - 4	MT21U	$185.00	$400.00
5 - 8	MT21U	78.00	400.00
9 - 12	MT21U	53.00	400.00
13 - 16	MT21U	40.00	400.00
17 - 20	MT21U	33.00	400.00
21 - 24	MT21U	28.00	400.00
(2) Establish IAR (DS3) 4 Mbps - 40 Mbps - per 1 Mbps			
4 - 5	MT23U	812.00	1,500.00
6 - 9	MT23U	475.00	1,500.00
10 - 15	MT23U	290.00	1,500.00
16 - 24	MT23U	186.00	1,500.00
25 - 34	MT23U	150.00	1,500.00
35 - 40	MT23U	137.50	1,500.00 N

ACCESS SERVICE

17. Broadband Fast Packet Access Service (Cont'd) N

17.7 Rates and Charges (Cont'd)

17.7.1 ATM Cell Relay Service Rates and Charges (Cont'd)

(A) UNI Information Access Rate (IAR) Ranges (Cont'd)

	USOC	Monthly Rates	Nonrecurring Charges
(3) Establish IAR (OC3c) 51 Mbps - 148 Mbps - per 1 Mbps			
51 - 80	MT2CU	$74.50	$3,000.00
81 - 100	MT2CU	50.00	3,000.00
101 - 148	MT2CU	47.00	3,000.00

(B) B-ICI Information Access Rate

(1) Establish IAR (DS3) 40 Mbps	CRNS8	5,500	1,500.00
(2) Establish IAR (OC3c) 148 Mbps	CRNC8	6,956	3,000.00 N

ACCESS SERVICE

17. Broadband Fast Packet Access Service (Cont'd)

17.7 Rates and Charges (Cont'd)

17.7.1 ATM Cell Relay Service Rates and Charges (Cont'd)

(C) Logical Connections

	USOC	Monthly Rates	Nonrecurring Charges
(1) Virtual Channel Connection (VCC) - per VCC, per IAR			
First	FVC	$ 0.00	None
next 2 - 6	FVC	15.00	None
next 7 - 11	FVC	10.00	None
# 12 and additional	FVC	5.00	None
(2) Virtual Path Connections (VPC - per VPC, per IAR			
first	FVP	0.00	None
next 2 - 6	FVP	25.00	None
next 7 - 11	FVP	20.00	None
# 12 and additional	FVP	10.00	None

N

N